

IFW



In the United States Patent and Trademark Office

Serial Number: 10 / 810,906  
Appn. Filed: 2004 Mar 27  
Applicant(s): Joseph F. Dechene  
Appn. Title: Computer or input device with back side keyboard  
Examiner/GAU: \_\_\_\_\_

Mailed: 2004 June 19  
At: Nashua, NH

**Amendment**

Commissioner for Patents  
Washington, District of Columbia 20231

Sir:

Prior to examination, please amend the above application as follows:

**In the Specification:**

>> Page 1, on or about lines 2-3 please delete the following:

CROSS-REFERENCE TO RELATED APPLICATIONS This application claims the benefit of PPA Ser. No. 60/464,012, filed 2003 Apr 19 by the present inventor.

>> Please add the following in its place:

CROSS-REFERENCE TO RELATED APPLICATIONS This application claims the benefit of PPA Ser. No. 60/464,012, filed 2003 Apr 19 by the present inventor.

**Remarks:**

The above amendment is provided in response to the statutory requirement that application insert a reference to applicant's PPA.

Very respectfully submitted,

Applicant(s): Joseph F. Dechene

c/o: Joseph F. Dechene, Applicant Pro Se  
37 Whitford Rd  
Nashua, NH, 03062  
Telephone: 603-594-4202



TO THE DIRECTOR, U.S. DEPARTMENT OF COMMERCE  
WASHINGTON, D.C. 20540

FROM: [illegible]  
SUBJECT: [illegible]

RE: [illegible]

DATE: [illegible]

TO: [illegible]

FROM: [illegible]

THIS PAGE BLANK (USPTO,

RE: [illegible]

DATE: [illegible]

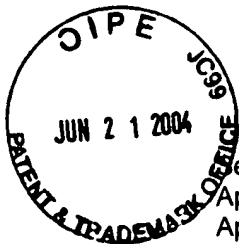
TO: [illegible]

FROM: [illegible]

DATE: [illegible]

TO: [illegible]

FROM: [illegible]



**In the United States Patent and Trademark Office**

Serial Number: 10 / 810,906  
Appn. Filed: 2004 Mar 27  
Applicant(s): Joseph F. Dechene  
Appn. Title: Computer or input device with back side keyboard  
Examiner/GAU: \_\_\_\_\_

Mailed: 2004 June 19

At: Nashua, NH

**Information Disclosure Statement**

Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Sir:

Attached is a completed Form PTO/SB/08(A&B) and copies of the pertinent parts of the references cited thereon. Following are comments on any non-English-language references pursuant to Rule 98:

The GKOS keyboard (included reference) has a limited set of keys on the back side of the hand-held device. The device does not have the same overall shape, nor the handles and contours to line up the hands to the proper keys as my present invention. Furthermore, as shown in the included reference "The GKOS Keyboard Character Set," there is a learning curve to master the combinations of keystrokes for each character to permit rapid data entry, different from my invention which can take advantage of a QWERTY layout.

In John Kavanagh's article in Ability Magazine (included reference) the One-handed keyboard differs substantially from my present invention.

The Aiptek Hyper Pen 6000 digitizer tablet (included reference) has a similar shape, and the appearance of handles as in my invention. However the device is meant to be used at a table or desk, with a pen input. Whereas my invention is can be used while standing or away from a table or desk. There is no keyboard on this device, and the intention of the "handles" are not to position or line up the user's hands as in my invention.

Patent Application US 2002/0140680 A1 (included reference) has a touch pad on the back side of a portable device. However it does not have the handles and contours to line up the user's hands as in my invention. Nor does it mention sensors on the handles to guard against unwanted data entry. The embodiments shown in the figures do not have a QWERTY keyboard, which would require a learning curve for those used to touch typing on a standard keyboard.

Very respectfully,

Applicant(s):

Joseph F. Dechene

Enc.: PTO-1449 & References  
c/o: Joseph F. Dechene, Applicant Pro Se  
37 Whitford Rd  
Nashua, NH, 03062  
Telephone: 603-594-4202

**Certificate of Mailing**

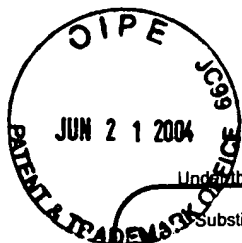
I certify that this correspondence will be deposited with the United States Postal Service as first class mail with proper postage affixed in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.

Date: 2004 June 19

Joseph F. Dechene, Applicant



**THIS PAGE BLANK (USPTO)**



PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

4

**Complete if Known**

Application Number	10 / 810,906
Filing Date	2004 March 27
First Named Inventor	Joseph F. Dechene
Art Unit	2854
Examiner Name	
Attorney Docket Number	

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,667,299	05-19-1987	Dunn	Fig 1
		US- 4,509,138	04-02-1985	Hayashi et al	Fig 1
		US- 4,497,036	01-29-1985	Dunn	Fig 1
		US- 5,200-913	04-06-1993	Hawkins, et al	Fig 2
		US- 5,355,279	10-11-1994	Lec et al	Fig 1
		US- 5,333,116	07-26-1994	Hawkins, et al	Fig 2
		US- 20010001859	05-24-2001	Hawkins,	
		US- 2003 000 2007	01-02-2003	Meringer	Fig 1
		US- 6,611,255	08-26-2003	Griffin, et al	Fig 2
		US- D 497 233	09-02-2003	Griffin	
		US- 2002 016 5005	11-07-2002	Travers	Fig 1, 2
		US- 2002 018 2923	12-05-2002	Li et al	Fig 1
		US- 2003 002 0691	01-30-2003	Pan et al	Fig 1
		US- 5,187,644	02-16-1993	Crizan	Fig 2
		US- 5,245,559	09-14-1993	Lapeyre	Fig 3
		US- 5,626,428	05-06-1997	Miwa	Fig 2, Fig 9
		US- 5,687,058	11-11-1997	Roylance	Fig 15
		US- 5,733,056	03-31-1998	Meagher	Fig 1, 2

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



OFFICE OF THE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20530

**THIS PAGE BLANK (USPTO)**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 4**Complete if Known**

Application Number	10/ 810, 906
Filing Date	2004 March 27
First Named Inventor	Joseph F. Dechene
Art Unit	2854
Examiner Name	
Attorney Docket Number	

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,712,760	01-27-1998	Coulon et al	Fig 2a
		US- 6,168,331	01-02-2001	Vann	Fig 1
		US- 2002 007 0921	06-13-2002	Feldman	Fig 1
		US- 5,023,438	06-11-1991	Wakatsuki et al	Fig 1A
		US- 5,065,003	11-12-1991	Wakatsuki et al	Fig 1A
		US- 5,332,322	07-26-1994	Gambard	Fig 1
		US- 5,331,136	07-19-1994	Koenck et al	Fig 1
		US- 2002 0077161	06-20-2002	Eromab	Fig 1 a-c
		US- 2002 0140680	10-03-2002	Lu	Fig 1, 3 [0021]
		US- 2003 0038821	02-27-2003	Kraft	Fig 1-5 [006]-[008]
		US- 2002 0097227	07-25-2002	Chu	[0012] - [0016]
		US- 5,426,449	06-20-1995	Danziger	Fig 1, 2
		US- 5,160,919	11-03-1992	Mohler et al	Fig 3
		US- 6,107,988	08-22-2000	Phillips	Fig 1, 2, 3 Summary (p12) col 1, 2
		US- 6,038,313	03-14-2000	Collins	Fig 1, 2 Summary (p7, col 1, col 2)
		US- 4,005,388	01-25-1977	Murley et al	Fig 1, p 32 col 3 lines 46-61
		US- 4,007,443	02-08-1977	Bromberg et al	Fig 1
		US- 5,067,103	11-19-1991	Lapeyre	Fig 3, 4, 5. Disclose col 2

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**THIS PAGE BLANK (USPTO)**



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3 of 4

### Complete If Known

Application Number	10 / 810,906
Filing Date	2004 March 27
First Named Inventor	Joseph F. Dechene
Art Unit	2854
Examiner Name	
Attorney Docket Number	

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,124,940	06-23-1992	Lapeyre	Fig 3,4,5 Disclosure Col 2
		US- 5,202,817	04-13-1993	Koenck et al	Fig 1,6
		US- 5,530,619	06-25-1996	Koenck et al	Fig 1,6
		US- 5,793,604	08-11-1998	Koenck et al	Fig 1,6
		US- 5,418,684	05-23-1995	Koenck et al	Fig 1,6
		US- 5,023,824	06-11-1991	Chadima, Jr et al	Fig 15
		US- 5,514,861	05-07-1996	Swartz et al	Fig 1a, 1b
		US- 5,241,488	08-31-1993	Chadima Jr et al	Fig 15
		US- 5,416,310	05-16-1995	Little	Fig 1
		US- 5,488,575	01-30-1996	Danielson	Fig 1,2,3 Summary Col 2-4
		US- 4,360,892	11-23-1982	Endfield	Fig 1, 4a-d
		US- 4,442,506	04-10-1984	Endfield	Fig 1, 4a-d
		US- 2002 0175834	11-28-2002	Miller	Summary [0016]-[0018]
		US- 2003 0193477	10-16-2003	Goodenough	Fig 3,5 Summary [0018]-[0026]
		US- 5,757,354	05-26-1998	Kawamura	Fig 5
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED  
JAN 10 1962

**THIS PAGE BLANK (USPTO)**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10 / 810,906
				Filing Date	2004 March 27
				First Named Inventor	Joseph F. Dechene
				Art Unit	2854
				Examiner Name	
				Attorney Docket Number	
Sheet	4	of	4		

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

***If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.***

THIS PAGE BLANK (USPTO)